Amendments to the Drawings:

Please replace the prior Replacement Sheet for Fig. 2 with a new Replacement Sheet for Fig. 2. A copy of the new Replacement Sheet for Fig. 2 is attached for the Examiner's approval.

REMARKS

Claims 1-22 are in the case and presented for reconsideration. Claims 1 and 12 have been amended. No new matter has been added.

The drawings have been objected to because the last Replacement Sheet for Fig. 2 had reversed in error the "yes" path and the "no" path. The correction to Fig. 2 has been made and a new Replacement Sheet is enclosed herewith.

Claims 1 has been objected to based on informalities. In accordance with the Examiner's suggestion, amendment has been made to Claim 1 in an effort to correct the error.

Claim 1 has been amended in order to more particularly point out a method for tracking an object further comprising a fifth step (v) if testing reveals a convergence of the computation, then repeating steps (i) through (iv) for N repetitions, wherein N equals a plurality of times. The support for this Amendment can be found in the Specification, for example, Page 14, Line 12 – Page 15, Line 18.

Claim 12 has been amended in order to more particularly point out an apparatus for attracting an object wherein the system controller repeats step (i) making multiple computations of special coordinates of the object based on the signals generated at the different frequencies, and step (ii) to ascertain whether the energy fields have been perturbed by an article in the vicinity of the object by testing a convergence of the computations, when testing reveals a convergence of the computations for N repetitions, wherein N equals a plurality of times. The support for this Amendment can be found in the Specification, for example, Page 14, Line 12 – Page 15, Line 18.

Claims 1-22 have been rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,073,043 (Schneider). Upon a closer reading of this reference, it is clear that Schneider does not teach or suggest a method for tracking an object comprising the combination of steps comprising (i) producing energy fields at a plurality of different frequencies in a vicinity of the object; (ii) receiving signals that are generated at a location of the object at the different

frequencies in response to the energy field; (iii) making multiple computations of spatial coordinates of the object based on the signals received at the different frequencies; (iv) ascertaining whether the energy fields have been perturbed by an article in the vicinity of the object by testing a convergence of the computations; and (v) if testing reveals a convergence of the computation, then repeating steps (i) through (iv) for N repetitions, wherein N equals a plurality of times. This novel combination of method steps such as found with Applicants Claim 1 (as amended) is neither described nor suggested in Schneider.

Additionally, Schneider does not teach or suggest an apparatus or tracking an object comprising at least one radiator which is adapted to reduce energy fields at a plurality of different frequencies in a vicinity of the object; at least one sensor, fixed to the object, which is adapted to generate signals in response to the energy fields at the different frequencies; and a system controller which is adapted to: (i) make multiple computations of spatial coordinates of the object based on the signals generated at the different frequencies, and to (ii) ascertain whether the energy fields have been perturbed by an article in the vicinity of the object by testing a convergence of the computations, wherein the system controller repeats (i) and (ii) when testing reveals a convergence of the computations for N repetitions, wherein N equals a plurality of times. This novel combination of features for an apparatus for tracking an object such as found with Applicant's Claim 12 (as amended) is neither described nor suggested in the Schneider reference.

Accordingly, by this Amendment and for the reasons listed above, the claimed present invention as amended is neither anticipated by nor rendered obvious by the cited prior art references and favorable action is respectfully requested.

Respectfully submitted,

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